

Amendments to the Specification

Please replace the Abstract with the following new Abstract:

Disclosed are techniques for processing a packet. A packet is received. Context data for the packet is located in a storage area. The packet is processed using the context data. Also disclosed is a network protocol processor with an interface to receive a packet, a cache to store context data for the packet, and a processing engine to process the packet using context data in the cache. Moreover, the network protocol processor includes a working register to store the context data for a current connection that is being processed. Additionally, the cache is capable of storing and retrieving context data for multiple connections.

Please replace the paragraph starting on page 1, line 3 with the following rewritten paragraph:

This application relates to ~~the following co-pending application~~: NETWORK PROTOCOL ENGINE, attorney docket number [[42.J]] P14732, with Application Serial No. 10/234,492, filed on [[xxx]] September 3, 2002, by Sriram R. Vangal et al. and issued as U.S. Patent No. 7,181,544 on February 20, 2007.